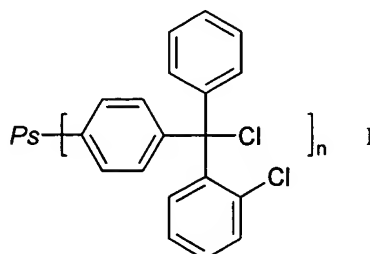
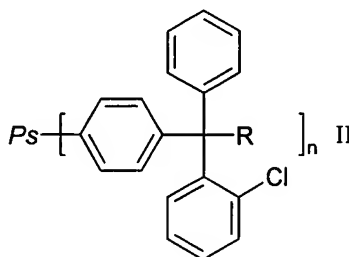


Claims

1. A process for the preparation of solid phase bonded 2-chlorotrityl chloride (2-CTC resin) of formula I



wherein Ps is a polymeric support and n has the following meaning: $1 \geq n > 0$ comprising the reaction of solid phase bonded 2-chlorotrityl of formula II



wherein R is OH or/and OC_{1-4} -alkyl or/and $\text{NR}'\text{R}''$

wherein R' and R'' independently of each other represent C_{1-4} -alkyl, or R' and R'' together with the nitrogen to which they are bonded represent a 5 to 8 membered heterocyclic radical

in the presence of a chlorinating agent and an organic solvent.

2. The process according to claim 1 wherein the organic solvent is toluene, chlorobenzene, CH_2Cl_2 , DMSO, NMP, DMF, alkylethers, DME, Diglyme, THF or dioxane.
3. The process according to claim 1 wherein the chlorinating agent is PCl_5 , PCl_3 , POCl_3 , SOCl_2 , CH_3COCl , CO_2Cl_2 , $(\text{CH}_3)_3\text{SiCl}$ or HCl.
4. The process according to claim 1 wherein the organic solvent is dioxane and the chlorinating agent is HCl.

5. The process according to claims 1 wherein n is $0.9 \geq n \geq 0.5$.
6. The process according to claim 1 wherein the reaction temperature is between 0 and 110°C.
7. The process according to claim 4 wherein the HCl content in dioxane is > 0 to about 40 g/100ml.
8. The process according to claim 1 wherein the reaction time is 6-96 h.
9. The process according to claim 1 wherein it is carried out in a single percolation or in repetitive percolations.